Please	type	a plus	sign (+)	inside	this	box	→	+

PTC/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	l

Complete if Known						
Application Number						
Filing Date		E-00				
First Named Inventor	Joseph H. Abler	.0.				
Group Art Unit		<b>30</b>				
Examiner Name						
Attorney Docket Number	870091 90173					

			-	U.S. PATENT DOCL	IMENTS	
xaminer nitials	Cite No.1	Number	ment 1 Cade² nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passeges or Relevant Figures Appear
8a-	1,339,212 P.W. Mackenrot		05/04/20			
,		3,482,508		M.S. Bajcar, et al.	12/09/69	······································
		3,779,034		Morgan	12/18/73	
		3,824,918		Bronkhorst	07/23/74	
		3,910,174	,	Nelles	10/07/75	
		4,068.014		Heimbruch	01/10/78	
	4,815,368 4,869,161 4,820,540		Nelles	03/28/89		
			LaCount	09/26/89		
			Budahn	04/11/89		
$\neg$		4,902,523		Fritchen, et al.	02/20/90	
		5,018,440		Johnson	05/28/91	
$\overline{A}$		5,195,426		Thuli	03/23/93	
7CM		5,881,639		Nesheim, et al.	03/16/99	· · · · · · · · · · · · · · · · · · ·
<u>'</u>			$\vdash$			
			<del> </del>	-		

	FOREIGN PATENT DOCUMENTS											
Examiner Initials	Cite No.1	Office <sup>3</sup>	Foreign Palent Do Number <sup>4</sup>	cument Kind Code <sup>s</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1.e				
49~		EPO 0	009 279		Gasbjerg, et al.	06/09/79						
				,		·						
						· .						
				-		-		1				
		<del>  </del>				+		+				
		1				<del>                                     </del>		+				
								Ι.				

Examiner Signature Date Considered 1/24/2004		٧	$\overline{}$						
	Examiner	(		1001	4	Date	, /	7500	1
	Signature		~ ~ .	STUIN	1	Considered	1/24	12009	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

		sign (*) inside		لبيا	U.S. Patent and Tradema	PTO'SB'08A (08-00) red for use through 10/31/2002. OMB 0651-0031 ark Office: U.S. DEPARTMENT OF COMMERCE on unless it contains a valid OMS control number.	-		
\o\'\'\		ute for form 14			Complete if Known				
n e 2010	- 0000					09 429,674	<b>7</b>		
JAH 2 8 200	į įNF	ORMAT	TION D	ISCLOSURE	Filing Date	Aug. 14,2001	7		
<b>\</b> .	S/STATEMENT BY APPLICANT					Joseph H. Abler	7		
CATE AT & TRAIT	Nr.				Group Art Unit		Ľ		
WI STRAILS		(use as ma	iny sheets	as necessary)	Examiner Name		Ι.		
(	Sheet	1	of	1	Attorney Docket Number	870091.90173.2	)		

The state of the s

U.S. PATENT DOCUMENTS									
Examiner Cite		U.S. Patent	Document King Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant			
nitials'	No.1	Number	(# snown)	or ones bossinent	MM-DD-YYYY	Figures Aposur			
16-		1,940,192		Sorber	12/19/33				
Ver		1,924,271		Chapman	08/29/33				
Res		2,196,643		Reeh	04/09/40	·			
1		2,638.759		Barris	05/19/53	<u> </u>			
7		3,405,455		Strong	10/15/68				
7		4.108,056		Van Eltn et al	08/22/78				
-									
1						Pro-			
						TECEIVED			
						FED			
						LD - A 2000			
$\neg \neg$						2002			
						1C 170"			
						1700			
$\neg$					1				
			-		1				
					1				
					<del>                                     </del>				
					<del></del>				
					<del>                                     </del>				

				FORE	GN PATENT DOCUMEN	TS .		
Examiner	Cita	Foreign Patent Document			Name of Patentee or	Date of Publication of	Pages, Columns, Lines Where Relevant	T
Initials	Nind Code		Applicant of Cited Document					
		]]_				· 1		
					·		•	
								I
								L
								L
								L
								T

		L		
Examiner	7X	1/2/4	Date	11.1-1
Signature 🗦	≵ક્રો	tuna	Considered	1/26/2004
	-	11'		7 7 7

\*EXAMINER Initial if regrence considered, whether or not citation is in conformance with MPEP 609. Draw tire through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-fetter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>4</sup> Applicant is to piace a check mark here if Eriglish language Translation is attached.

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ACCIRESS. SEND TO. Assistant Commissioner for Patents, Washington, DC 20231.